

## CONTACT US

# FRP Cold Storage Wall Panel System



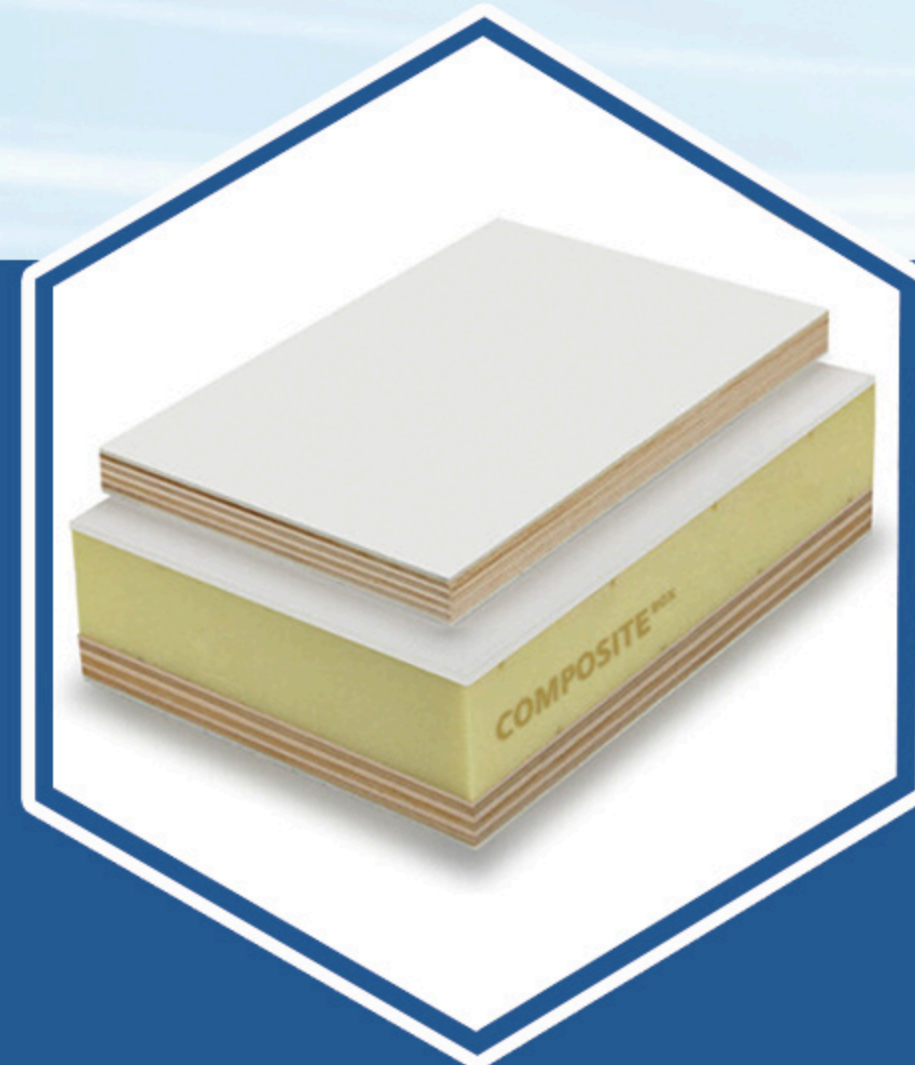
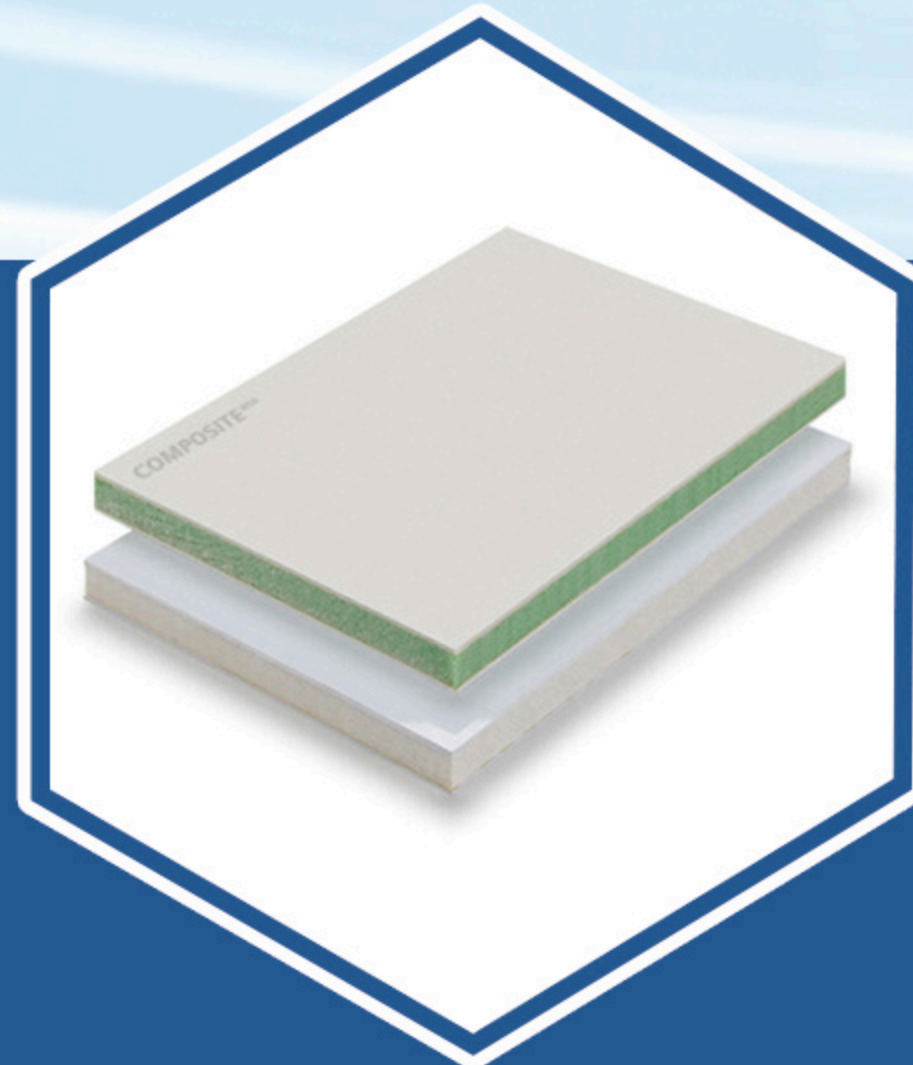
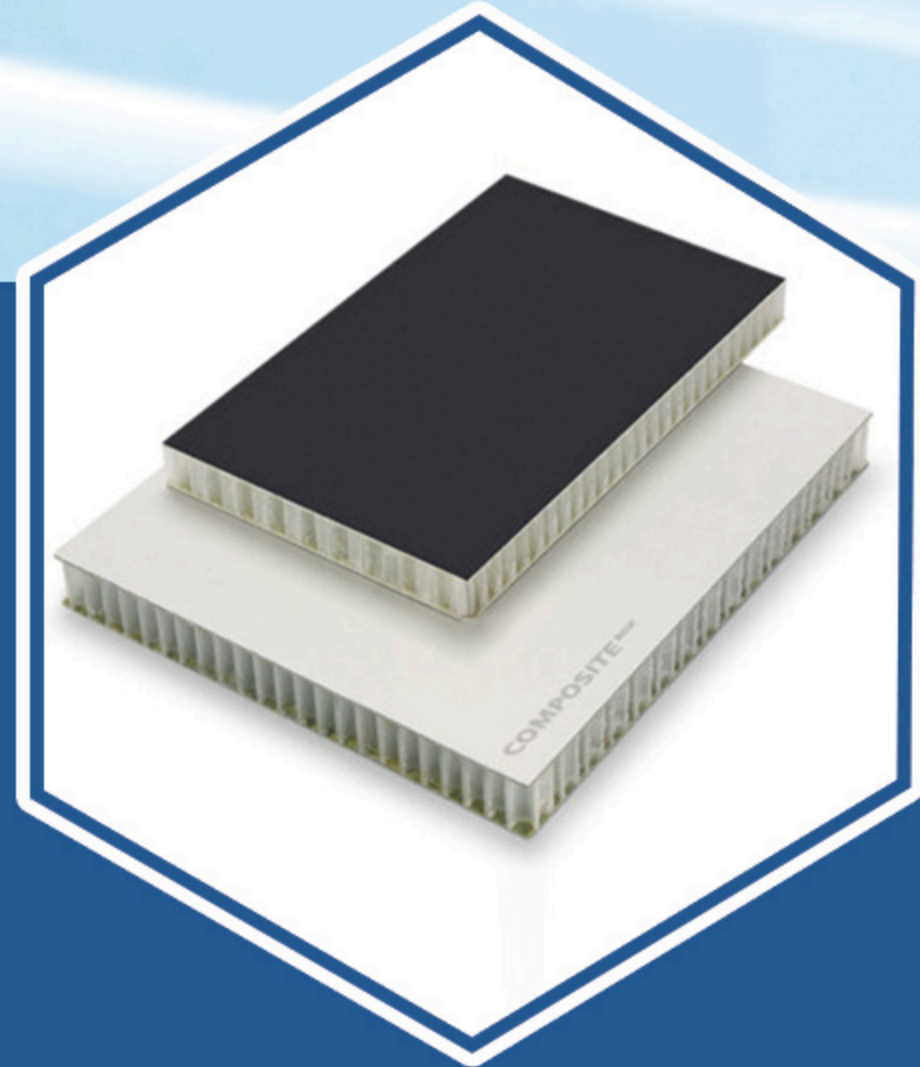
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## FRP Cold Storage Wall Panel System

### Description:

Composite Box FRP cold storage wall panel systems feature 1.2 – 2.0mm antibacterial gel-coated FRP skins with high-density PU ( $\geq 40 \text{ kg/m}^3$ ) or waterproof XPS cores. Offering ultra-low thermal conductivity ( $0.018 - 0.022 \text{ W/m} \cdot \text{K}$ ), thicknesses from 20 – 220mm, and operating range  $-50^\circ \text{C}$  to  $+60^\circ \text{C}$ . Modular design supports easy assembly, exceptional hygiene, corrosion resistance, and energy savings—perfect for food, pharmaceutical, vaccine, and produce cold chain facilities.

### Features:

- Antibacterial gel-coated FRP skin for superior hygiene.
- High-density PU or closed-cell XPS foam core.
- Extremely low thermal conductivity of  $0.018 \text{ W/m} \cdot \text{K}$ .
- Thickness options from 20mm to 220mm.
- Modular panels with integrated framing for strength.



### Advantages:

- Achieves over 30% electricity cost savings through exceptional insulation, maintaining stable low temperatures with minimal energy use in demanding cold storage.
- Ensures long-term hygiene and safety with antibacterial surfaces that inhibit microbial growth, easy cleaning, and resistance to acids, alkalis, and corrosion.
- Provides durable, lightweight modular construction for fast installation like building blocks, reducing labor time and enabling straightforward transportation and assembly.
- Delivers extended 20+ year service life with customizable options including fire rating B1, RAL colors, stainless steel alternatives, and integrated doors/windows.

### Common Parameters

 Customer Satisfaction	 Quality Assurance	 Advanced Production Line	 Customization
Insisting on high quality products and services, centered around customer experience	We strictly control every production process to bring reliable quality assurance to our customers	The world' s top production line ensures product precision and efficiency	We provide 100% customization, making orders less difficult